ASUS TUF GAMING B550M-PLUS WIFI II AMD B550 Socket AM4 micro ATX



Brand : ASUS

Product code: 90MB19Y0-M0EAY0

Product name : TUF GAMING B550M-PLUS WIFI II



- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors
- Enhanced power solution: 8+2 DrMOS power stages, ProCool connector, military-grade TUF components, and DIGI+ VRM for maximum durability
- Comprehensive cooling: VRM heatsinks, PCH fanless heatsink, M.2 heatsink, hybrid fan headers and Fan Xpert 2+ utility
- Ultrafast connectivity: PCIe 4.0 M.2, USB 3.2 Gen 2 Type-A and Type-C® support
- Made for online gaming: Wi-Fi 6, Realtek 2.5Gb Ethernet, and TUF LANGuard
- Two-Way AI Noise Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences

microATX, AMD B550 chipset, AMD AM4 Socket, 4xDDR4 DIMM slots, 7.1 ch audio, 2.5-Gigabit LAN, Wi-Fi 6, Bluetooth 5.2, AMI UEFI BIOS

Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series
Supported processor sockets	Socket AM4

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4200,4266,4333,4400,4466,4600,4800,4866 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III
Number of storage drives supported	6
RAID support	✔
RAID levels	0, 1, 10

Graphics	
Parallel processing technology support *	Not supported
Maximum resolution	3840 x 2160 pixels

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports	
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	5
Microphone in	✔
S/PDIF out port	✔
WiFi-AP antenna jack	1
USB connector type	USB Type-A, USB Type-C

Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wake-on-LAN ready	✔
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth	✔
Bluetooth version	5.2

Features	
Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots	
PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS jumper	✔

Logistics data	
Harmonized System (HS) code	84733020

Weight & dimensions	
Width	244 mm
Depth	244 mm
Height	67 mm

Packaging content	
Cables included	SATA
Drivers included	✔

Other features	
Weight	845 g

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